



NORTH

GRAPHIC SCALE

( IN FEET )

1 inch = 40' ft.

## NEW STREETLIGHT SERVICE FEEDBACK CIRCULAR 'A'

### STREETLIGHT CIRCULAR 'A' CAPACITY VERIFICATION

LOCATION: ENTRANCE AT LOOP ROAD

SERVICE FEEDBACK CIRCULAR	= 150 AMPS
CIRCUIT BREAKER	= 60 AMPS
MAXIMUM ALLOWABLE DRAW (0.00) X 60 AMPS	= 150 AMPS
EXISTING CIRCULAR LOAD	= 37 AMPS

PROPOSED LUMINAIRE LOAD TO CIRCULAR

7 EA - 100 WATT @ 1.0 AMPS EACH	= 7.0 AMPS
TOTAL PROPOSED LOAD	= 44.0 AMPS
REMAINING AVAILABLE LOAD	= 4.0 AMPS

### STREETLIGHT CIRCULAR 'A' CAPACITY VERIFICATION

LOCATION: ENTRANCE AT LOOP ROAD

SERVICE FEEDBACK CIRCULAR	= 150 AMPS
CIRCUIT BREAKER	= 60 AMPS
MAXIMUM ALLOWABLE DRAW (0.00) X 60 AMPS	= 150 AMPS
EXISTING CIRCULAR LOAD	= 21 AMPS

PROPOSED LUMINAIRE LOAD TO CIRCULAR

16 EA - 100 WATT @ 1.0 AMPS EACH	= 16.0 AMPS
TOTAL PROPOSED LOAD	= 37.0 AMPS
REMAINING AVAILABLE LOAD	= 11.0 AMPS

## NEW STREETLIGHT SERVICE FEEDBACK CIRCULAR 'B'

### STREETLIGHT CIRCULAR 'B' CAPACITY VERIFICATION

LOCATION: SPC OF H STREET AT K STREET

SERVICE FEEDBACK CIRCULAR	= 150 AMPS
CIRCUIT BREAKER	= 60 AMPS
MAXIMUM ALLOWABLE DRAW (0.00) X 60 AMPS	= 150 AMPS
EXISTING CIRCULAR LOAD	= 46 AMPS

PROPOSED LUMINAIRE LOAD TO CIRCULAR

16 EA - 100 WATT @ 1.0 AMPS EACH	= 16.0 AMPS
TOTAL PROPOSED LOAD	= 62.0 AMPS
REMAINING AVAILABLE LOAD	= 8.0 AMPS

### STREETLIGHT CIRCULAR 'B' CAPACITY VERIFICATION

LOCATION: SPC OF H STREET AT K STREET

SERVICE FEEDBACK CIRCULAR	= 150 AMPS
CIRCUIT BREAKER	= 60 AMPS
MAXIMUM ALLOWABLE DRAW (0.00) X 60 AMPS	= 150 AMPS
EXISTING CIRCULAR LOAD	= 15 AMPS

PROPOSED LUMINAIRE LOAD TO CIRCULAR

16 EA - 100 WATT @ 1.0 AMPS EACH	= 16.0 AMPS
TOTAL PROPOSED LOAD	= 31.0 AMPS
REMAINING AVAILABLE LOAD	= 3.0 AMPS

## NEW STREETLIGHT SERVICE FEEDBACK CIRCULAR 'C'

### STREETLIGHT CIRCULAR 'C' CAPACITY VERIFICATION

LOCATION: SPC OF H STREET AT WEST LOOP ROAD

SERVICE FEEDBACK CIRCULAR	= 150 AMPS
CIRCUIT BREAKER	= 60 AMPS
MAXIMUM ALLOWABLE DRAW (0.00) X 60 AMPS	= 150 AMPS
EXISTING CIRCULAR LOAD	= 46 AMPS

PROPOSED LUMINAIRE LOAD TO CIRCULAR

16 EA - 100 WATT @ 1.0 AMPS EACH	= 16.0 AMPS
TOTAL PROPOSED LOAD	= 62.0 AMPS
REMAINING AVAILABLE LOAD	= 8.0 AMPS

### STREETLIGHT CIRCULAR 'C' CAPACITY VERIFICATION

LOCATION: SPC OF H STREET AT WEST LOOP ROAD

SERVICE FEEDBACK CIRCULAR	= 150 AMPS
CIRCUIT BREAKER	= 60 AMPS
MAXIMUM ALLOWABLE DRAW (0.00) X 60 AMPS	= 150 AMPS
EXISTING CIRCULAR LOAD	= 0 AMPS

PROPOSED LUMINAIRE LOAD TO CIRCULAR

4 EA - 100 WATT @ 1.0 AMPS EACH	= 4.0 AMPS
TOTAL PROPOSED LOAD	= 4.0 AMPS
REMAINING AVAILABLE LOAD	= 14.0 AMPS

### STREETLIGHT CIRCULAR 'C' CAPACITY VERIFICATION

LOCATION: SPC OF H STREET AT J STREET

SERVICE FEEDBACK CIRCULAR	= 150 AMPS
CIRCUIT BREAKER	= 60 AMPS
MAXIMUM ALLOWABLE DRAW (0.00) X 60 AMPS	= 150 AMPS
EXISTING CIRCULAR LOAD	= 0 AMPS

PROPOSED LUMINAIRE LOAD TO CIRCULAR

24 EA - 100 WATT @ 1.0 AMPS EACH	= 24.0 AMPS
TOTAL PROPOSED LOAD	= 24.0 AMPS
REMAINING AVAILABLE LOAD	= 2.0 AMPS

